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APPLICANT: Schulein, Martin
ADDRESSEE: Anderson, Tony N

Wed Jun 18 17:56:18 2003

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Page 2

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1 APPLICANT: Laessen, Soren F.
2 APPLICANT: Kauppinen, Markus S.
3 APPLICANT: Lange, Lene
4 APPLICANT: Nielsen, Ruby I.
5 APPLICANT: Ihara, Michiko
6 APPLICANT: Takagi, Shinobu
7 TITLE OF INVENTION: No. 6001639e1 Endoglucanases
8 NUMBER OF SEQUENCES: 109
9 CORRESPONDENCE ADDRESS:
10 ADDRESSER: No. 6001639c No. 6001639dick of No. 6001639th America, Inc
11 STREET: 405 Lexington Avenue, 64th Floor
12 CITY: New York
13 STATE: New York
14 COUNTRY: United States of America
15 ZIP: 10174-6401
16
17 COMPUTER READABLE FORM:
18 MEDIUM TYPE: Floppy disk
19 COMPUTER: IBM PC compatible
20 OPERATING SYSTEM: PC-DOS/MS-DOS
21 SOFTWARE: Patentin Release #1.0, Version #1.30
22 CURRENT APPLICATION DATA:
23 APPLICATION NUMBER: US/08/651,136C
24 FILING DATE: 21-MAY-1996
25 CLASSIFICATION: 435
26 ATTORNEY/AGENT INFORMATION:
27 NAME: Landblin, Elias U.
28 REGISTRATION NUMBER: 33,728
29 REFERENCE/DOCKET NUMBER: 4366,200-US
30 TELECOMMUNICATION INFORMATION:
31 TELEPHONE: 212-867-0123
32 TELEFAX: 212-878-9655
33
34 INFORMATION FOR SEQ ID NO: 12:
35 SEQUENCE CHARACTERISTICS:
36 LENGTH: 299 amino acids
37 TYPE: amino acid
38 TOPOLOGY: linear
39 MOLECULE TYPE: protein
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41 US-08-651-136C-12
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RESULT 3
US-09-229-911A-12
Sequence 12, Application US/09229911A
Patent No. 6387690
GENERAL INFORMATION:
APPLICANT: Schlein, Martin
Andersen, Lene N.
Iassen, Soren F.
Kappinen, Markus S
Lange, Lene
Nielsen, Rudy I.
Iihara, Michiko
Takagi, Shinobu

TITLE OF INVENTION: No. 6387690e1 Endoglycanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESS: No. 6387690c No. 6387690disk of No. 6387690ch America, Inc
 STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/229,911A
 FILING DATE: 13-Jan-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/651,136
 FILING DATE: 21-MAY-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Lambiris, Elias J.
 REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4366,200-US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-867-0123
 TELEFAX: 212-878-9655
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 299 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: proteain
 SEQUENCE DESCRIPTION: SEQ ID NO: 12:
 US-09-229-911A-12

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US-09-229-911A-2

US-09-229-911A-2

Query Match 36.2%; Score 761.5; DB 4; Length 225;

Best Local Similarity 62.1%; Pred. No. 1.8e-50; Indels 3; Gaps 3; Matches 128; Conservative 32; Mismatches 43;

DB 183 SGGSTTRWDCCKSCSWPKASVTGPDTCASNGISILD-ANAGSGN-GGNGFMCNN 240
21 SGIGOTTRWDCCKSCSWPKASVTGPDTCASNGISILD-ANAGSGN-GGNGFMCNN 79
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DB 361 NSDNPMTFKEVTCPEALTTRSGCER 386
200 NADNPSTFQEVACPSELTSKSGCSR 225

RESULT 7

US-08-651-136C-4
Sequence 4, Application US/08651136C
Patent No. 6001639

GENERAL INFORMATION:
APPLICANT: Schultein, Martin
APPLICANT: Lassen, Soren F.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Lange, Lene
APPLICANT: Nielsen, Ruby I.
APPLICANT: Ihara, Michiko
TITLE OF INVENTION: No. 6001639e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6001639e1 of No. 6001639e1 America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,136C
FILING DATE: 21-MAY-1996
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366, 200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 297 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-651-136C-4

Query Match 36.2%; Score 761.5; DB 3; Length 297;
Best Local Similarity 62.1%; Pred. No. 2.4e-50; Indels 3; Gaps 3;
Matches 128; Conservative 32; Mismatches 43;

DB 183 SGGSTTRWDCCKSCSWPKASVTGPDTCASNGISILD-ANAGSGN-GGNGFMCNN 240
21 SGIGOTTRWDCCKSCSWPKASVTGPDTCASNGISILD-ANAGSGN-GGNGFMCNN 79

DB 21 SGIGOTTRWDCCKSCSWPKASVTGPDTCASNGISILD-ANAGSGN-GGNGFMCNN 240
21 SGIGOTTRWDCCKSCSWPKASVTGPDTCASNGISILD-ANAGSGN-GGNGFMCNN 79

DB 241 NOPMANDELAFPAASIASGNEAGMCCGCELTFTSGAASGKMMVQVNTGDLGDN 300
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DB 361 NSDNPMTFKEVTCPEALTTRSGCER 386
200 NADNPSTFQEVACPSELTSKSGCSR 225

RESULT 8

US-09-229-911A-4
Sequence 4, Application US/09229911A
Patent No. 6387690

GENERAL INFORMATION:
APPLICANT: Schultein, Martin
APPLICANT: Lassen, Soren F.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Lange, Lene
APPLICANT: Nielsen, Ruby I.
APPLICANT: Ihara, Michiko
TITLE OF INVENTION: No. 6387690e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6387690e1 of No. 6387690e1 America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/229,911A
FILING DATE: 13-Jan-1999
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/651,136
FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366, 200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 297 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-229-911A-4

Query Match 36.2%; Score 761.5; DB 4; Length 297;
Best Local Similarity 62.1%; Pred. No. 2.4e-50; Indels 3; Gaps 3;
Matches 128; Conservative 32; Mismatches 43;

DB 183 SGGSTTRWDCCKSCSWPKASVTGPDTCASNGISILD-ANAGSGN-GGNGFMCNN 240
21 SGIGOTTRWDCCKSCSWPKASVTGPDTCASNGISILD-ANAGSGN-GGNGFMCNN 79

QY 361 NSDNPMTFKEYTCPAELITRSGCR 386
DB 200 NADNSVITQEVACSELTSSGCSR 225

RESULT 11
US-08-651-136C-10
Sequence 10, Application US/08651136C
Patent No. 6001639
GENERAL INFORMATION:
APPLICANT: Schultein, Martin
APPLICANT: Andersen, Lene N.
APPLICANT: Lassen, Soren F.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Lange, Lene
APPLICANT: Nielsen, Ruby I.
APPLICANT: Takagi, Shinobu
TITLE OF INVENTION: No. 6001639e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6001639c No. 6001639dsk of No. 6001639th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 21-MAY-1996
APPLICATION NUMBER: US/08/651,136C
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366,200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 349 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-651-136C-10

Query Match 34.9%; Score 735; DB 3; Length 349;
Best Local Similarity 61.7%; Pred. No. 3e-48;
Matches 127; Conservative 27; Mismatches 46; Indels 6; Gaps 2;
QY 183 SSGSSTTRYWDCCKASGSMFGKASVTGPVDTCAISNGISLLDANAOSGNGNGMGNNO 242
DB 22 SGGGHTTRYWDCCKTSKAMEGKASVSEPVLTCKKODNPVDAANASGCGGAGACATNNS 81
QY 243 PMAVNDLAYGPAASIASGNEAGMCCGCELTFTSGAASGKRVVQVNTGDLGSHNF 302
DB 82 PMAVSEDLAYGPAATLASGTEGSMCCACVATFTSGPVAAGKRVVQVNTGDLGSHNF 141
QY 303 DLOMGGGVGTFNGCAQMG--APNDGKARVGVSVSDCASLPSALQAGCKRPFMFK 360
DB 142 DLMIPGGGLGTFDGSQAQFGLLP---GERYGVSSRSQCGMPPELLKDGQWRPFMFK 197
QY 361 NSDNPMTFKEYTCPAELITRSGCR 386
DB 198 NSDNPDIREFVOVCPKELIAVSGCVR 223

RESULT 12

US-09-229-911A-10
Sequence 10, Application US/09229911A
Patent No. 6387690
GENERAL INFORMATION:
APPLICANT: Schultein, Martin
APPLICANT: Andersen, Lene N.
APPLICANT: Lassen, Soren F.
APPLICANT: Kauppinen, Markus S.
APPLICANT: Lange, Lene
APPLICANT: Nielsen, Ruby I.
APPLICANT: Takagi, Shinobu
TITLE OF INVENTION: No. 6387690e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 6387690c No. 6387690dsk of No. 6387690th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 13-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/651,136
FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366,200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 349 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-229-911A-10

Query Match 34.9%; Score 735; DB 4; Length 349;
Best Local Similarity 61.7%; Pred. No. 3e-48;
Matches 127; Conservative 27; Mismatches 46; Indels 6; Gaps 2;
QY 183 SSGSSTTRYWDCCKASGSMFGKASVTGPVDTCAISNGISLLDANAOSGNGNGMGNNO 242
DB 22 SGGGHTTRYWDCCKTSKAMEGKASVSEPVLTCKKODNPVDAANASGCGGAGACATNNS 81
QY 243 PMAVNDLAYGPAASIASGNEAGMCCGCELTFTSGAASGKRVVQVNTGDLGSHNF 302
DB 82 PMAVSEDLAYGPAATLASGTEGSMCCACVATFTSGPVAAGKRVVQVNTGDLGSHNF 141
QY 303 DLOMGGGVGTFNGCAQMG--APNDGKARVGVSVSDCASLPSALQAGCKRPFMFK 360
DB 142 DLMIPGGGLGTFDGSQAQFGLLP---GERYGVSSRSQCGMPPELLKDGQWRPFMFK 197
QY 361 NSDNPMTFKEYTCPAELITRSGCR 386
DB 198 NSDNPDIREFVOVCPKELIAVSGCVR 223

RESULT 13
US-09-189-060B-66
Sequence 66, Application US/09189060B

Patent No. 6270968
GENERAL INFORMATION:
APPLICANT: Dalboge, Henrik
APPLICANT: Sandal, Thomas
APPLICANT: Kaupinen, Markus
APPLICANT: Borge, Diderichsen
TITLE OF INVENTION: Method of Providing No. 6270968e1 DNA Sequences
FILE REFERENCE: 4772.204-US
CURRENT FILING DATE: 1998-11-10
PRIOR FILING DATE: 1997-05-12
NUMBER OF SEQ ID NOS: 74
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 66
LENGTH: 306
TYPE: PRT
ORGANISM: Hybrid
US-09-189-0608-66

Query Match 34.6%; Score 729.5; DB 4; Length 306;
Best Local Similarity 59.6%; Pred. No. 6.7e-48;
Matches 127; Conservative 31; Mismatches 52; Indels 3; Gaps 1;

QY 174 GYKVISGKSGSGSTRYWDCCCKASCSMPGKASVTPDTCASNGISILLDANAOGCGNG 233
DB 14 GLQVAAPAFADGSTRYWDCCCKSPGKALVNPYRANANRQRTIDPNAAGCGCG 73
QY 234 NGFMNNQPAVNDLAYGFAAASIAAGNCCGCELTFTSGAAGKMMVQVTNT 293
DB 74 SAFSCADTQPAVSDPFAVPAATLALAGSSSWCCACCELTFTSGPAGKMAVOSTST 133
QY 294 GGDLSNHFIDLOMPGGVGFINGCAQMGAPNDGARGVSSVSDCASLPSALQAGCK 353
DB 134 GGDLSNHFIDLOMPGGVGFIDGCSPOVGCLA--GQYGGVSSRSECDSPALKPECY 190
QY 354 WRFNFKNSDNPMTFKEVTCPAELTTRSGCER 386
DB 191 WRDMPKXADNPSPFSFRQVQCPALVARTGCR 223

RESULT 14
US-09-189-0608-72
Sequence 72, Application US/091890608
Patent No. 6270968
GENERAL INFORMATION:
APPLICANT: Dalboge, Henrik
APPLICANT: Sandal, Thomas
APPLICANT: Kaupinen, Markus
APPLICANT: Borge, Diderichsen
TITLE OF INVENTION: Method of Providing No. 6270968e1 DNA Sequences
FILE REFERENCE: 4772.204-US
CURRENT FILING DATE: 1998-11-10
PRIOR FILING DATE: 1997-05-12
NUMBER OF SEQ ID NOS: 74
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 72
LENGTH: 304
TYPE: PRT
ORGANISM: Hybrid
US-09-189-0608-72

Query Match 34.5%; Score 727.5; DB 4; Length 304;
Best Local Similarity 58.9%; Pred. No. 9.4e-48;
Matches 126; Conservative 33; Mismatches 50; Indels 5; Gaps 2;

QY 174 GYKVISGKSGSGSTRYWDCCCKASCSMPGKASVTPDTCASNGISILLDANAOGCGNG 233
DB 12 GLQVAAPAFADGSTRYWDCCCKSPGKASVSPVRTCDAANSPLSDVAKSACDGG 71
QY 234 NGFMNNQPAVNDLAYGFAAASIAAGNCCGCELTFTSGAAGKMMVQVTNT 293

DB 72 VAYTCSNNAAPVAVNDNLISYCPAATAINGSSSSWCCACYKLTFTSGPAGKMMVQVTNT 131
QY 294 GGDLSNHFIDLOMPGGVGFINGCAQMGAPNDGARGVSSVSDCASLPSALQAGCK 352
DB 132 GYDLSNNHFIDLOMPGGVGFIDGCSPOVGCLA--GQYGGVSSRSECDSPALKPECY 187
QY 353 KRFNFKNSDNPMTFKEVTCPAELTTRSGCER 386
DB 188 WRDMPKXADNPSPFSFRQVQCPALVARTGCR 221

RESULT 15
US-09-189-0608-74
Sequence 74, Application US/091890608
Patent No. 6270968
GENERAL INFORMATION:
APPLICANT: Dalboge, Henrik
APPLICANT: Sandal, Thomas
APPLICANT: Kaupinen, Markus
APPLICANT: Borge, Diderichsen
TITLE OF INVENTION: Method of Providing No. 6270968e1 DNA Sequences
FILE REFERENCE: 4772.204-US
CURRENT FILING DATE: 1998-11-10
PRIOR FILING DATE: 1997-05-12
NUMBER OF SEQ ID NOS: 74
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 74
LENGTH: 307
TYPE: PRT
ORGANISM: Hybrid
US-09-189-0608-74

Query Match 34.4%; Score 725; DB 4; Length 307;
Best Local Similarity 58.7%; Pred. No. 1.5e-47;
Matches 125; Conservative 30; Mismatches 56; Indels 2; Gaps 1;

QY 174 GYKVISGKSGSGSTRYWDCCCKASCSMPGKASVTPDTCASNGISILLDANAOGCGNG 233
DB 14 GLQVAAPAFADGSTRYWDCCCKSPGKALVNPYRANANRQRTIDPNAAGCGCG 73
QY 234 NGFMNNQPAVNDLAYGFAAASIAAGNCCGCELTFTSGAAGKMMVQVTNT 293
DB 74 PSYTCANYQPAVAVNDQLAYGFAATRAINGCTDSWCCACYKLTFTSGPAGKMMVQVTNT 133
QY 294 GGDLSNHFIDLOMPGGVGFINGCAQMGAPNDGARGVSSVSDCASLPSALQAGCK 353
DB 134 GGDLSNHFIDLOMPGGVGFIDGCSPOVGCLA--GQYGGVSSRSECDSPALKPECY 191
QY 354 WRFNFKNSDNPMTFKEVTCPAELTTRSGCER 386
DB 192 WRDMPKXADNPSPFSFRQVQCPALVARTGCR 224

Search completed: June 18, 2003, 17:17:49
Job time : 15.6824 secs

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